

1/26

SEQUENCE LISTING

<110> FERRING B.V.

<120> NOVEL USE

<130> 052209-0113

<150> US 60/538,512

<151> 2004-01-26

<160> 43

<170> PatentIn version 3.2

<210> 1

<211> 34

<212> PRT

<213> Homo sapiens

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Ser	Val	Ser	Glu	Ile	Gln	Leu	Met	His	Asn	Leu	Gly	Lys	His	Leu	Asn
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Ser	Met	Glu	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His
			20					25					30		

Asn Phe

<210> 2

<211> 34

<212> PRT

<213> Bos taurus

<400> 2

Ala	Val	Ser	Glu	Ile	Gln	Phe	Met	His	Asn	Leu	Gly	Lys	His	Leu	Ser
1				5					10					15	

Ser	Met	Glu	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His
				20				25					30		

Asn Phe

<210> 3

<211> 34

<212> PRT

<213> Homo sapiens

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<400> 3

Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
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Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
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Thr Ala

<210> 4

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<223> see specification as filed for preferred embodiments

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Ala Val Ser Glu Ile Gln Phe Xaa His Asn Leu Xaa Lys His Leu Ser
1 5 10 15

Ser Xaa Glu Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Tyr

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<220>
<223> see specification as filed for preferred embodiments

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Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
1 5 10 15

Ser Met Glu Arg Val Glu Leu Leu Glu Lys Leu Leu Glu Lys Leu His
20 25 30

Asn Phe

<210> 6
<211> 34
<212> PRT
<213> Artificial Sequence

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<220>
<223> see specification as filed for preferred embodiments

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Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
1 5 10 15

Ser Met Glu Arg Val Glu Trp Leu Glu Lys Lys Leu Glu Lys Val His
20 25 30

Asn Phe

<210> 7
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<220>

<223> see specification as filed for preferred embodiments

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Ser	Val	Ser	Glu	Ile	Gln	Leu	Met	His	Asn	Leu	Gly	Lys	His	Leu	Asn
1				5					10					15	

Ser	Met	Glu	Arg	Val	Glu	Leu	Leu	Arg	Lys	Leu	Leu	Gln	Asp	Leu	His
			20					25					30		

Asn Phe

<210> 8

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<223> see specification as filed for preferred embodiments

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Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
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Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	Xaa	Leu	Ile	Ala	Glu	Ile	His
			20					25					30		

Thr Ala

<210> 9

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<223> Thi

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<223> see specification as filed for preferred embodiments

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Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
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Asp	Leu	Arg	Arg	Arg	Glu	Leu	Leu	Glu	Lys	Leu	Leu	Glu	Lys	Leu	Xaa
			20					25					30		

Thr Ala

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<223> see specification as filed for preferred embodiments

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1				5					10					15	

Asp	Leu	Arg	Arg	Arg	Glu	Leu	Leu	Glu	Lys	Leu	Leu	Glu	Leu	Leu	His
			20					25					30		

Thr Ala

<210> 11

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<220>

<223> see specification as filed for preferred embodiments

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1				5					10					15	

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Asp Leu Arg Arg Arg Phe Leu Leu His His Leu Leu Ala Glu Leu His
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Thr Ala

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1 5 10 15

Asp Leu Arg Arg Arg Glu Phe Leu Glu Lys Leu Ile Glu Lys Ile His
20 25 30

Thr Ala

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<223> see specification as filed for preferred embodiments

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Ser Xaa Glu Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Tyr

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<223> Nal

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<223> see specification as filed for preferred embodiments

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Ser Xaa Xaa Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Tyr

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Ser Xaa Xaa Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Tyr

<210> 16
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<223> see specification as filed for preferred embodiments

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Ala	Val	Ser	Glu	Ile	Gln	Phe	Xaa	His	Asn	Leu	Gly	Lys	His	Leu	Ser
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Ser	Xaa	Xaa	Arg	Val	Glu	Xaa	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His
			20					25					30		

Asn Tyr

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<223> see specification as filed for preferred embodiments

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Xaa Xaa Xaa Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Tyr

<210> 18
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Ser Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Phe

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Ser Xaa Glu Xaa Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Phe

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Xaa Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Phe

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Ser Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Phe

<210> 22
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Ser Xaa Xaa Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Phe

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<223> Nle

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<223> see specification as filed for preferred embodiments

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Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
1 5 10 15

Xaa Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

14/26

Asn Phe

<210> 24
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Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
1 5 10 15

Ser Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Phe

<210> 25
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Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
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Ser Xaa Xaa Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Phe

<210> 26

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<223> see specification as filed for preferred embodiments

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Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
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Xaa Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Phe

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1 5 10 15

Ser Xaa Xaa Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
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Asn Phe

<210> 28
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Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
1 5 10 15

Xaa Xaa Xaa Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

17/26

Asn Phe

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1 5 10 15

Xaa Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Phe

<210> 30
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<400> 30

Ala	Val	Ser	Glu	Ile	Gln	Phe	Met	His	Asn	Leu	Gly	Lys	His	Leu	Ser
1				5					10					15	

Ser	Xaa	Xaa	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His
			20					25					30		

Asn Phe

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<223> see specification as filed for preferred embodiments

<400> 31

Ala	Val	Ser	Glu	Ile	Gln	Phe	Met	His	Asn	Leu	Gly	Lys	His	Leu	Ser
1				5					10					15	

Ser	Xaa	Xaa	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His
			20					25					30		

Asn Phe

<210> 32

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Xaa Xaa Xaa Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Phe

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<220>

<223> see specification as filed for preferred embodiments

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Ala	Val	Ser	Glu	Ile	Gln	Phe	Met	His	Asn	Leu	Gly	Lys	His	Leu	Ser
1				5					10					15	

Xaa	Xaa	Xaa	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His
			20					25					30		

Asn Phe

<210> 34

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<220>

<223> see specification as filed for preferred embodiments

<400> 34

Ala	Val	Ser	Glu	Ile	Gln	Phe	Met	His	Asn	Leu	Gly	Lys	His	Leu	Ser
1				5					10					15	

Xaa	Xaa	Xaa	Glu	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val
			20					25					30		

His Asn Phe

35

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20 25 30

Asn Phe

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20 25 30

Asn Phe

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23/26

Asn Phe

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Asn Phe

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Asn Phe

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Xaa Xaa Xaa Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Phe

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<210> 41
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Xaa Xaa Xaa Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Phe

<210> 42
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<222> (12) .. (12)
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<400> 42
Ser Val Ser Glu Ile Gln Leu Xaa His Asn Leu Xaa Lys His Leu Asn
1 5 10 15

Ser Xaa Glu Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Tyr

<210> 43
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<220>
<223> see specification as filed for preferred embodiments

<400> 43
Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Xaa Lys His Leu Asn
1 5 10 15

Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
20 25 30

Asn Phe